

Title (en)
FORMATION SAMPLING

Title (de)
PROBENNAHME AUS FORMATIONEN

Title (fr)
ÉCHANTILLONNAGE DE FORMATION

Publication
EP 2513423 A4 20170329 (EN)

Application
EP 10840655 A 20101222

Priority

- US 29196710 P 20100104
- US 29325210 P 20100108
- IB 2010003453 W 20101222

Abstract (en)
[origin: WO2011080586A2] A sampling apparatus, comprising a primary flowline, a secondary flowline, a dump flowline not provided downstream of the secondary flowline, and a relief valve provided in the dump flowline, may be disposed in a wellbore penetrating a subterranean formation. A method of use of the sampling apparatus may comprise flowing fluid from the subterranean formation and into the primary flowline; diverting fluid from the primary flowline to a sample chamber through the secondary flowline; diverting fluid from the primary flowline to the wellbore through the dump flowline; and controlling the pressure in the sample chamber using the relief valve. The sampling apparatus may be used to terminate storage of a fluid sample in a sample chamber while continuing to pump fluid from the formation.

IPC 8 full level
E21B 49/08 (2006.01)

CPC (source: EP US)
E21B 49/08 (2013.01 - EP US); **E21B 49/10** (2013.01 - US)

Citation (search report)

- [X] WO 2009067440 A1 20090528 - SCHLUMBERGER CA LTD [CA], et al
- See references of WO 2011080586A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2011080586 A2 20110707; WO 2011080586 A3 20111110; BR 112012016424 A2 20180605; EP 2513423 A2 20121024; EP 2513423 A4 20170329; US 2013025855 A1 20130131; US 9322266 B2 20160426

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